

REMARKS

Claims 1-20 have been canceled. Claims 21-35 are newly presented for examination.

This application is assigned to IBM Corporation as recorded in the parent application.

Briefly, the present invention is directed to a system for placing summary frames into a currently playing video depicting either past or future scenes so that a viewer can get a quick overview of the video program. As explained on page 5 and shown in Figure 1, the summary frames depict key scenes from the past which aid the viewer in quickly ascertaining the current plot or theme of the video program. Hence, when a channel surfer arrives at a new channel, rather than only having what is currently playing to catch the eye, summary frames are also available to catch the surfer's attention and aid in understanding the programming and perhaps hold the viewer's attention long enough to keep him from immediately changing the channel.

In the parent application, claims were rejected as being unpatentable over either Nakagki or Nakagaki in view of Marshall.

The Examiner appeared to appreciate that there were differences between the claimed invention and the prior art but had concerns that, when giving the claims there broadest interpretation, they did not adequately distinguish over the prior art. In particular, the examiner noted that it was not clear from the claims that the summary frames were available for display immediately when the viewer arrives at a particular channel.

To that end, the claims as now presented are believed to make that distinction clear. For example, Independent claim 21 recites "means for selecting a programming channel containing video program in progress; a display screen for viewing a video program in progress; at least one summary frame also displayed on said display screen along with said video program in progress at a same time when said programming channel is selected, said at least one summary frame comprising a past frame from said video program in

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progress" (emphasis added).

Similarly, independent claim 25 recites "at least one summary frame displayed on said display screen at a same time with said video program, said at least one summary frame comprising one of a past or future frame from said program" (emphasis added).

Likewise, independent claim 30 recites "displaying said video program and said summary frames on a screen at a same time with said video program when a viewer selects said video program" (emphasis added).

The above highlighted limitations are not taught or suggested by the prior art of record. In particular, the primary reference cited by the Examiner to Nakagaki is directed to a television set which includes a delay circuit ("caching") for recording a television show as it is being watched. This is not related to Applicant's claimed invention.

The Examiner has additionally relied on Marshall for teaching "showing future video clips to a viewer on a display screen". However, Marshall is directed to a preview channel which lists all of the programming currently available and those that will be airing shortly. Most cable and satellite systems have such a channel. Included with each listed programming item may also be a short preview clip of the program selectable by the viewer, thus making Marshall's preview channel user interactive. However, again, this has nothing to do with placing summary frames, either past or future, in a program broadcast to be displayed when a channel surfer arrives at a particular channel.

It is respectfully submitted that neither Nakagaki nor Hamilton, taken alone or in combination, teaches or suggests Applicant's claimed invention and that the claims as presented patentably distinguish over this art.

Examination on the merits, taking the above into consideration is respectfully requested at the earliest possible date.

Please charge any deficiencies in fees and credit any overpayment of fees to Assignee's Deposit Account No. 50-0510 (IBM/Yorktown).

Respectfully submitted,



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